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Chief, Engineering Staff, OC

SPM 60-0939

Chief, Special Programs Staff, OC

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Requirement for TEP Engineering Support Services

1. This office has a requirement for engineering services to assist in the exploitation of Trans-Equatorial Propagation. Specifically what is desired is assistance in the establishment of a modus-operandi

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2. In order to utilize to a maxima the time of a small team, the assistance required should encompass technical directives along the line of the following:

- a. Establishment of most promising geographical locations within an area to be specified.
- b. Calculation of the MUF, effect of seasonal changes, minimal field strengths, receiving system sensitivity requirements, direction finding roses for specific sites, etc.
- c. which may be utilized as check points and guard frequencies for system test. Also calculated values of the expected angle of arrival of such signals based on general knowledge of the ionosphere distortions derived from magnetic data obtained from outside sources.
- d. Other charts, graphs and reports as required to direct the field effort.

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...3. Considerations should be...

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4. Funds are available for the establishment of the above under current FY allotments.

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Distribution:

Orig & 1 - Addressee

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